N. J., N. Y., Ohio. 7th, Neb. 8th, Del. 18th, Dak., Mass., Minn., N. Mex. 19th, Conn., Dak., Kan., Mass., Minn., Mich., N. C., R. I. 20th, Ark., Conn., Ga., Ky., Mass., Minn., Mo., N. J., N. C., Ohio, Tenn. 21st, Conn., Fla., Ind., Iowa, Me., Mass., Mich., Minn., Neb., N. H., N. Y., Ohio, Penn., R. I. 22nd, Dak., Ind., Me., Mass., N. H., N. J., N. Y., Ohio, Penn., Tenn., Vt. 23rd, Cal., Can., Ill., Iowa, Me., Mo., N. J., N. Mex., N. Y., Va. 24th, Cal., Gan., Iowa, Kan., Minn., Mo., Neb., N. Mex., N. C. 25th, Cal., Conn., Ga., Iowa, Kan., Mass., Mo., N. H., N. J., N. Y., N. C., Ohio, R. I., S. C., Tenn., Vt. 26th, Cal., Ind., Iowa, Me., Mass., Mich., Miss., Mo., N. J., N. Mex., N. Y., Tenn., Wiss. 27th, Ala., Cal., Iowa, Mass., Mich., Mipn., Mo., N. J., N. C., Or., R. I., Tex. 28th, Ala., Iowa, Kan., Me., Mass., Mo., Mont., N. J., N. Mex., N. Y., N. C., Penn., Tex., Wis. 29th, Ala., Cal., Ind., La., Me., Mass., Mich., Min., N. C., Ohio, Tenn., Wis. 30th, Conn., Minn., Ohio, N. C., Tex., Va. 31st, Ala., Can., Del., Ind. Ty., Miss., N. C., S. C., Tex., Tenn., La.

Mirage.—Ga., Tyber Island, 3rd, 4th, 9th; Neb., Genoa, 4th, 24th, 26th; Mc., Standish, 11th, 17th, 26th, 31st; Minn., Breckenridge, 15th, 22nd, 25th, 27th; Mass., New Bedford, 28th.

MISCELLANEOUS PHENOMENA.

Zoological.—Wild geese were observed at Baxter Springs, Kan., 5th and 6th, and flying south 29th; Sedgwick, Kan., NE., 22nd; Melissa, Texas, S., 5th and 30th, N., 27th; Nashville, E., 18th; Corning, Mo., 25th; Abington, Ill., N., 29th; Havana, Ill., abandant three last days of mouth; Afton, Iowa, and Benettsville, Ky., N., 31st. Wild ducks, Fort Macon, N. C., flying S., 19th and 24th; New Bedford, Mass., seen in large numbers 29th and 30th; Golden, Col., and Stanley, Kan., N., 30th; Havana, Ill., abundant three last days of month. Bluebirds seen at Weldon, N. C., 14th; Benettsville, Ky., 16th; Austin, Tenn., 28th; Chambersburg, Pa., 27th; Cleaveland, Tenn., 28th; Accotink, Va., and Fallston, Md., 29th; Baxter Springs, Kan., and Morgantown, W. Va., 31st; Ringgold, Ohio, during last of month. Robins appeared at Morgantown, W. Va., 23rd; Lynchburg, Va., 28th; Fort Madison, Iowa, 30th; Afton, Iowa, 31st. Redbirds appeared at Alto Vista, Va., 10th; Morgantown, W. Va., 23rd. Blackbirds seen at Golden, Col., flying NW., 31st. Mockingbirds appeared at Welborn, Fla., 25th. Golden Winged woodpecker seen at Abington, Ill., 31st. Bees were out at Afton, Iowa, and Oregon, Mo., 31st. Reptiles.—Concerning the reported shower of snakes at Memphis on the 15th, the following is taken from the observer's report; "Morning opened with light rain; 10:20 a. m. began to pour down in torrents, lasting fifteen minutes, wind SW.; immediately after the reptiles were discovered grawling on the sidewalks, in the road, gutters and yards of Vance street, between Landerdule and Goslee treets, two blocks; careful inquiry was made to ascertain if anyone had seen them descend, but without success; neither were they to be found in the cisterns, on roofs, or any elevations above the ground; Vance street is comparatively new, has no pavements, gutters merely trenches; I heard of none being found elsewhere; when first seen they were a very dark brown almost black; were very thick in some places, being tangled together like a mass of thread or yarn."

Meteors.—1st, Ky. 3rd, Cont., Penn. 4th, Mo. 5th, N. Y. 7th, Iowa. 8th, N. C. 9th, Penu. 13th, N. J. 15th, Iowa, W. Va. 20th, Ky. 23rd, Ohio. 24th, Mass., N. J. 26th, Fla. 27th, Iowa, La. 30th, Ky., Penn.

Ice-bergs.—Lat., 44° 15' N., long., 44° 40' W., 23rd.

Polar Bands.—Me., Gardiner, 1st, 8th, 12th, 21th, 27th. Wis., Milwaukee, 2nd. Va., Wytheville, 3rd, 23rd, 31st. Ga., Tybee Island, 5th, 8th. Ohio, Carthagena, 6th, 9th, 14th, 18th, 21st, 25th, 27th, Fla., Daytona, 11th. Iowa, Guttenburg, 12th, 29th; Iowa City, 13th, 25th, 27th; Tabor, 31st. Minn., Duluth, 17th, 23rd, 24th, 25th; St. Paul, 26th. Ky., Benettsville, 25th. N. H., Contoocookville, 31st.

Zodiacal Light.—Ga., Savannah, 2nd, 4th. 30th. Mass., Somerset, 4th, 5th, 7th, 9th. Florida, 5th. Ohio, Bellefontaine, 4th, 5th, 14th, 17th, 31st. N. J., Atco, 4th, 9th. N. Y., Waterburgh, 5th, 13th, 17th.

PUBLISHED BY ORDER OF THE SECRETARY OF WAR.

Brig. Gen. (Bvt. Assgd,) Chief Signol Officer, U. S. A.

11111